

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 – 171 (cancelled)

Claim 172 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

fuel;

a fuel stabilizer comprising a an high-molecular-weight amine comprising at least twelve carbon atoms; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 173 (currently amended): The fuel composition of claim 172 wherein said ~~high-molecular weight~~ amine comprises between twelve and fourteen carbon atoms.

Claim 174 (currently amended): The fuel composition of claim [173] 172 wherein said ~~high-molecular weight~~ amine comprises more than fourteen carbon atoms.

Claim 175 (currently amended): The fuel composition of claim 174 wherein said ~~high-molecular weight~~ amine comprises ~~Primene® RB-3~~ a t-alkyl primary amine.

Claim 176 (currently amended): The fuel composition of claim 172 wherein said fuel stabilizer comprises between approximately 0.05 and approximately 0.5 parts by weight of said fuel additive, said ~~fuel composition~~ additive having a total part by weight of 1.

Claim 177 (previously presented): The fuel composition of claim 176 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 178 (previously presented): The fuel composition of claim 172 further comprising a lubricant.

Claim 179 (currently amended): The fuel composition of claim 172 further comprising a high flash point solvent.

Claim 180 (previously presented): The fuel composition of claim 172 further comprising a biocide.

Claim 181 (previously presented): The fuel composition of claim 172 further comprising a metal deactivator.

Claim 182 (previously presented): The fuel composition of claim 172 further comprising a dispersant.

Claim 183 (currently amended): The fuel composition of claim 178 wherein said lubricant comprises a ~~low~~ viscosity of 20 weight or less.

Claim 184 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

~~fuel~~;

a fuel stabilizer comprising between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive;

said ~~fuel composition~~ additive having a total part by weight of 1; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said ~~fuel~~.

Claim 185 (cancelled)

Claim 186 (previously presented): The fuel composition of claim 184 further comprising a lubricant.

Claim 187 (currently amended): The fuel composition of claim 184 further comprising a high flash point solvent.

Claim 188 (previously presented): The fuel composition of claim 184 further comprising a biocide.

Claim 189 (previously presented): The fuel composition of claim 184 further comprising a metal deactivator.

Claim 190 (previously presented): The fuel composition of claim 184 further comprising a dispersant.

Claim 191 (currently amended): The fuel composition of claim 184 wherein said lubricant comprises a ~~low~~ viscosity of 20 weight or less.

Claim 192 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

~~fuel~~;

a high flash point solvent comprising naphtha; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 193 (currently amended): The fuel composition of claim 192 wherein said high flash point solvent comprises between approximately 0.1 and approximately 0.6 parts by weight of said fuel additive.

Claim 194 (currently amended): The fuel composition of claim 193 wherein said high flash point solvent comprises between approximately 0.2 and approximately 0.4 parts by weight of said fuel additive.

Claim 195 (previously presented): The fuel composition of claim 192 further comprising a stabilizer.

Claim 196 (previously presented): The fuel composition of claim 192 further comprising a lubricant.

Claim 197 (currently amended): The fuel composition of claim 196 wherein said lubricant comprises a low viscosity of 20 weight or less.

Claim 198 (previously presented): The fuel composition of claim 192 further comprising a biocide.

Claim 199 (previously presented): The fuel composition of claim 192 further comprising a metal deactivator.

Claim 200 (previously presented): The fuel composition of claim 192 further comprising a dispersant.

Claim 201 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
and

fuel;

a high flash point solvent comprising between approximately 0.1 and approximately 0.6 parts by weight of said fuel additive; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 202 (previously presented): The fuel composition of claim 201 wherein said fuel additive additionally comprises a lubricant.

Claim 203 (currently amended): The fuel composition of claim 202 wherein said lubricant comprises a low viscosity of 20 weight or less.

Claim 204 (previously presented): The fuel composition of claim 202 further comprising a stabilizer.

Claim 205 (previously presented): The fuel composition of claim 202 further comprising a biocide.

Claim 206 (previously presented): The fuel composition of claim 202 further comprising a metal deactivator.

Claim 207 (previously presented): The fuel composition of claim 202 further comprising a dispersant.

Claim 208 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

fuel;

a lubricant comprising a viscosity of 20 weight or less; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claims 209 – 210 (cancelled)

Claim 211 (currently amended): The fuel composition of claim 208 wherein said lubricant comprises a mineral ~~oil~~ oil.

Claim 212 (previously presented): The fuel composition of claim 211 wherein said mineral oil is naphthenic.

Claim 213 (previously presented): The fuel composition of claim 208 wherein said lubricant comprises a synthetic oil.

Claim 214 (previously presented): The fuel composition of claim 213 wherein said synthetic oil comprises a petroleum derivative.

Claim 215 (previously presented): The fuel composition of claim 208 wherein said lubricant comprises between approximately 0.01 and approximately 0.25 parts by weight of said fuel additive.

Claim 216 (previously presented): The fuel composition of claim 215 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 217 (currently amended): The fuel composition of claim 208 wherein said fuel additive further comprises ~~a high molecular weight~~ an amine comprising at least twelve carbon atoms.

Claim 218 (canceled)

Claim 219 (previously presented): The fuel composition of claim 208 further comprising a stabilizer.

Claim 220 (previously presented): The fuel composition of claim 219 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 221 (currently amended): The fuel composition of claim 208 further comprising a high flash point solvent.

Claim 222 (previously presented): The fuel composition of claim 208 further comprising a biocide.

Claim 223 (previously presented): The fuel composition of claim 208 further comprising a metal deactivator.

Claim 224 (previously presented): The fuel composition of claim 208 further comprising a dispersant.

Claim 225 (previously presented): The fuel composition of claim 208 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 226 (previously presented): The fuel composition of claim 208 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 227 (currently amended): The fuel composition of claim 208 ~~wherein said solvent comprises~~ further comprising a naphtha solvent.

Claim 228 (currently amended): The fuel composition of claim 227 wherein said naphtha comprises ~~Conesolve® C-145~~ C₁₀-C₁₃ cycloparaffinic and isoparaffinic hydrocarbons.

Claim 229 (previously presented): The fuel composition of claim 222 wherein said biocide comprises triazine

Claim 230 (previously presented): The fuel composition of claim 223 wherein said metal deactivator is a polyamine.

Claim 231 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

~~fuel~~;

a biocide; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 232 (currently amended): The fuel composition of claim 231 further comprising a high flash point solvent.

Claim 233 (previously presented): The fuel composition of claim 231 further comprising a stabilizer.

Claim 234 (previously presented): The fuel composition of claim 231 further comprising a lubricant.

Claim 235 (previously presented): The fuel composition of claim 231 further comprising a metal deactivator.

Claim 236 (previously presented): The fuel composition of claim 231 further comprising a dispersant.

Claim 237 (currently amended): The fuel composition of claim 231 wherein said fuel additive further comprises ~~a high molecular weight~~ an amine comprising at least twelve carbon atoms.

Claim 238 (canceled)

Claim 239 (previously presented): The fuel composition of claim 231 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 240 (previously presented): The fuel composition of claim 231 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 241 (previously presented): The fuel composition of claim 232 wherein said solvent comprises naphtha.

Claim 242 (currently amended): The fuel composition of claim 241 wherein said naphtha comprises ~~Conesolve® C-145~~ C₁₀-C₁₃ cycloparaffinic and isoparaffinic hydrocarbons.

Claim 243 (currently amended): The fuel composition of claim 231 ~~wherein said~~ further comprising a fuel stabilizer comprises in an amount of from between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 244 (currently amended): The fuel composition of claim 234 wherein said lubricant comprises a ~~low~~ viscosity of 20 weight or less.

Claim 245 (previously presented): The fuel composition of claim 244 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 246 (previously presented): The fuel composition of claim 234 wherein said lubricant comprises a mineral oil.

Claim 247 (previously presented): The fuel composition of claim 231 wherein said biocide comprises triazine.

Claim 248 (currently amended): The fuel composition of claim 247 wherein said triazine comprises ~~Vancide®~~ hexahydro-1,3,5-triethyl-s-triazine.

Claim 249 (previously presented): The fuel of claim 231 wherein said biocide comprises up to approximately 0.02 parts by weight of said fuel additive.

Claim 250 (previously presented): The fuel composition of claim 249 wherein said biocide comprises between approximately 0.0005 and approximately 0.0015 parts by weight of said fuel additive.

Claim 251 (previously presented): The fuel composition of claim 235 wherein said metal deactivator is a polyamine.

Claim 252 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

fuel;

a metal deactivator comprising a polyamine in an amount of up to approximately 0.2 parts by weight of said fuel additive; and

said fuel additive added to said fuel at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel.

Claim 253 (previously presented): The fuel composition of claim 252 wherein said metal deactivator comprises diamine.

Claim 254 (previously presented): The fuel composition of claim 253 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine, ethylene diamine and mixtures thereof.

Claim 255 (cancelled)

Claim 256 (currently amended): The fuel composition of claim [255] 252 wherein said metal deactivator comprises between approximately 0.05 and approximately 0.15 parts by weight of said fuel additive.

Claim 257 (previously presented): The fuel composition of claim 252 further comprising a stabilizer.

Claim 258 (previously presented): The fuel composition of claim 257 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 259 (currently amended): The fuel composition of claim 252 further comprising a high flash point solvent.

Claim 260 (previously presented): The fuel composition of claim 252 further comprising a biocide.

Claim 261 (previously presented): The fuel composition of claim 252 further comprising a lubricant.

Claim 262 (previously presented): The fuel composition of claim 252 further comprising a dispersant.

Claim 263 (currently amended): The fuel composition of claim 261 wherein said lubricant comprises a ~~low~~ viscosity of 20 weight or less.

Claim 264 (previously presented): The fuel composition of claim 261 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 265 (previously presented): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

~~fuel;~~

a metal deactivator comprising up to approximately 0.2 parts by weight of said fuel additive; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 266 (currently amended): The fuel composition of claim 265 wherein said fuel additive further comprises ~~a high molecular weight~~ an amine comprising at least twelve carbon atoms.

Claim 267 (canceled)

Claim 268 (previously presented): The fuel composition of claim 265 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 269 (previously presented): The fuel composition of claim 268 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 270 (currently amended): The fuel composition of claim 265 further comprising a high flash point solvent.

Claim 271 (previously presented): The fuel composition of claim 270 wherein said solvent comprises naphtha.

Claim 272 (currently amended): The fuel composition of claim 271 wherein said naphtha comprises ~~Conesolve® C-145~~ C₁₀-C₁₃ cycloparaffinic and isoparaffinic hydrocarbons.

Claim 273 (previously presented): The fuel composition of claim 265 further comprising a lubricant.

Claim 274 (previously presented): The fuel composition of claim 273 wherein said lubricant comprises a mineral oil.

Claim 275 (currently amended): The fuel composition of claim 265 wherein said lubricant comprises a low viscosity of 20 weight or less.

Claim 276 (previously presented): The fuel composition of claim 275 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 277 (previously presented): The fuel composition of claim 265 further comprising a biocide.

Claim 278 (previously presented): The fuel composition of claim 277 wherein said biocide comprises triazine.

Claim 279 (previously presented): The fuel composition of claim 265 further comprising a stabilizer.

Claim 280 (previously presented): The fuel composition of claim 279 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 281 (previously presented): The fuel composition of claim 265 further comprising a dispersant.

Claim 282 (previously presented): The fuel composition of claim 266 wherein said metal deactivator is a diamine.

Claim 283 (previously presented): The fuel composition of claim 282 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine, ethylene diamine and mixtures thereof.

Claim 284 (canceled)

Claim 285 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

fuel;

a high flash point solvent; and

a metal deactivator; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 286 (currently amended): The fuel composition of claim 285 wherein said fuel additive further comprises ~~a high molecular weight~~ an amine comprising at least twelve carbon atoms.

Claim 287 (canceled)

Claim 288 (previously presented): The fuel composition of claim 285 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 289 (previously presented): The fuel composition of claim 288 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 290 (previously presented): The fuel composition of claim 285 further comprising a stabilizer.

Claim 291 (previously presented): The fuel composition of claim 290 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 292 (previously presented): The fuel composition of claim 285 further comprising a lubricant.

Claim 293 (currently amended): The fuel composition of claim 292 wherein said lubricant comprises a ~~low~~ viscosity of 20 weight or less.

Claim 294 (previously presented): The fuel composition of claim 292 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 295 (previously presented): The fuel composition of claim 292 wherein said lubricant comprises a mineral oil.

Claim 296 (previously presented): The fuel composition of claim 285 further comprising a biocide.

Claim 297 (currently amended): The fuel composition of claim 296 wherein said biocide comprises ~~triazine~~ triazine.

Claim 298 (previously presented): The fuel composition of claim 285 further comprising a dispersant.

Claim 299 (currently amended): A fuel composition comprising:

fuel;

a fuel additive comprising:

an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

and

fuel;

a dispersant comprising a polymer; and

said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel composition.

Claim 300 (currently amended): The fuel composition of claim 299 wherein said fuel additive further comprises ~~a high molecular weight~~ an amine comprising at least twelve carbon atoms.

Claim 301 (canceled)

Claim 302 (previously presented): The fuel composition of claim 299 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 303 (previously presented): The fuel composition of claim 302 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 304 (currently amended): The fuel composition of claim 299 further comprising a high flash point solvent.

Claim 305 (previously presented): The fuel composition of claim 304 wherein said solvent comprises naphtha.

Claim 306 (currently amended): The fuel composition of claim 305 wherein said naphtha comprises ~~Genesolve® C-145~~ C₁₀-C₁₃ cycloparaffinic and isoparaffinic hydrocarbons.

Claim 307 (previously presented): The fuel composition of claim 299 further comprising a lubricant.

Claim 308 (previously presented): The fuel composition of claim 307 wherein said lubricant comprises a mineral oil.

Claim 309 (currently amended): The fuel composition of claim 307 wherein said lubricant comprises a low viscosity of 20 weight or less.

Claim 310 (previously presented): The fuel composition of claim 299 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 311 (previously presented): The fuel composition of claim 299 further comprising a biocide.

Claim 312 (previously presented): The fuel composition of claim 311 wherein said biocide comprises triazine.

Claim 313 (previously presented): The fuel composition of claim 299 further comprising a metal deactivator.

Claim 314 (previously presented): The fuel composition of claim 313 wherein said metal deactivator is a polyamine.

Claim 315 (previously presented): The fuel composition of claim 299 further comprising a stabilizer.

Claim 316 (previously presented): The fuel composition of claim 315 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claim 317 (currently amended): A fuel composition comprising:
fuel;
a fuel additive comprising:
an iron-containing organometallic compound comprising between approximately 0.0001 and approximately 0.005 parts by weight of said organometallic compound in said fuel additive;
fuel;
a high flash point solvent; and
a fuel stabilizer; and
said fuel additive added to said fuel composition at a level of 1 part per volume of said fuel additive to at least 5,000 parts per volume of said fuel

Claim 318 (previously presented): The fuel composition of claim 317 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 319 (previously presented): The fuel composition of claim 318 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 320 (previously presented): The fuel composition of claim 317 further comprising a lubricant.

Claim 321 (currently amended): The fuel composition of claim 320 wherein said lubricant comprises a low viscosity of 20 weight or less.

Claim 322 (previously presented): The fuel composition of claim 320 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight of said fuel additive.

Claim 323 (previously presented): The fuel composition of claim 320 wherein said lubricant comprises a mineral oil.

Claim 324 (previously presented): The fuel composition of 317 further comprising a biocide.

Claim 325 (previously presented): The fuel composition of claim 324 wherein said biocide comprises triazine

Claim 326 (previously presented): The fuel composition of claim 317 further comprising a metal deactivator.

Claim 327 (previously presented): The fuel composition of claim 326 wherein said metal deactivator is a polyamine.

Claim 328 (previously presented): The fuel composition of claim 317 further comprising a dispersant.

Claim 329 (previously presented): The fuel composition of claim 317 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight of said fuel additive.

Claims 330 - 343 (cancelled)